

Product datasheet for TA504250

ALOX15 Mouse Monoclonal Antibody [Clone ID: OTI3G8]

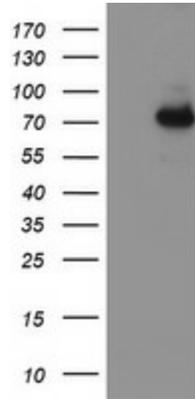
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3G8
Applications:	IF, IHC, WB
Recommend Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100
Reactivity:	Human, Monkey, Rat, Dog
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ALOX15(NP_001131) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	74.6 kDa
Gene Name:	arachidonate 15-lipoxygenase
Database Link:	NP_001131 Entrez Gene 81639 RatEntrez Gene 489458 DogEntrez Gene 709212 MonkeyEntrez Gene 246 Human
Synonyms:	12-LOX; 15-LOX-1; 15LOX-1
Protein Families:	Druggable Genome
Protein Pathways:	Arachidonic acid metabolism, Linoleic acid metabolism, Metabolic pathways

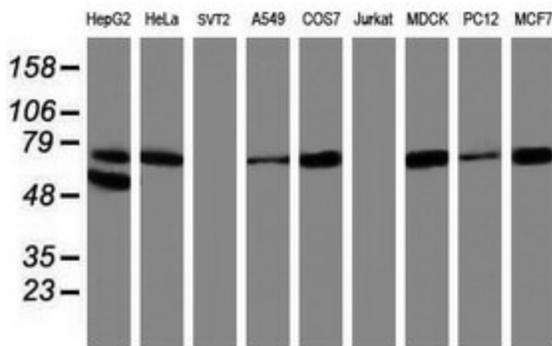


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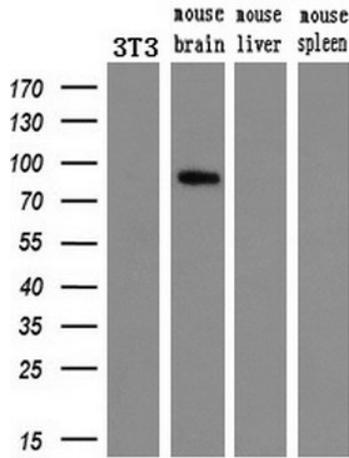
Product images:



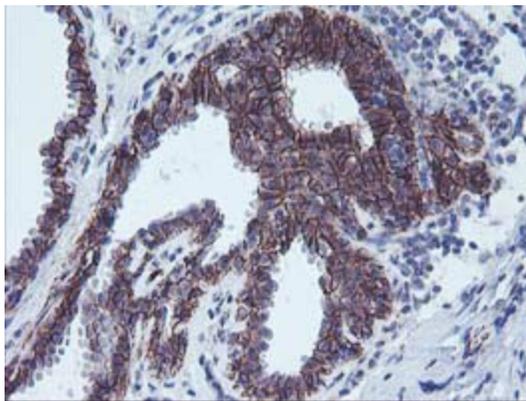
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ALOX15 ([RC206621], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ALOX15. Positive lysates [LY400456] (100ug) and [LC400456] (20ug) can be purchased separately from OriGene.



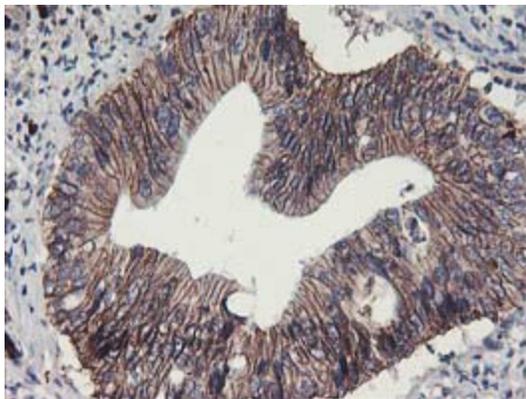
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-ALOX15 monoclonal antibody.



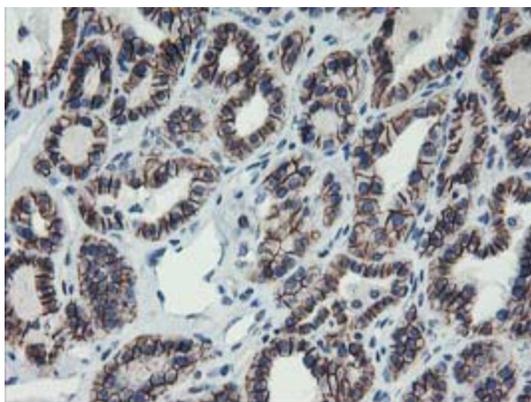
Western blot analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-ALOX15 monoclonal antibody (1:200).



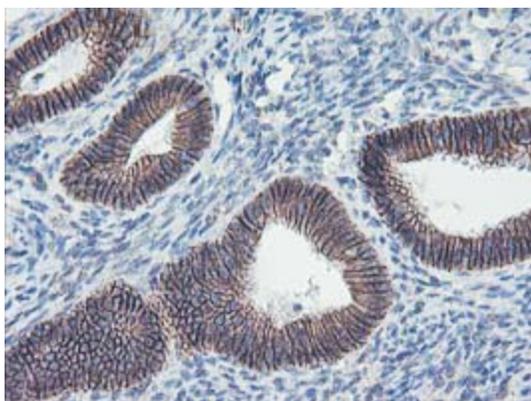
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-ALOX15 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504250)



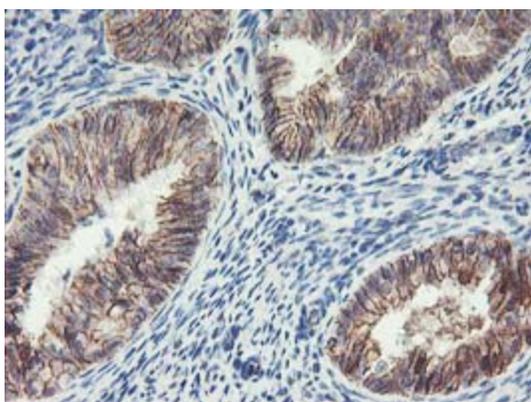
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-ALOX15 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504250)



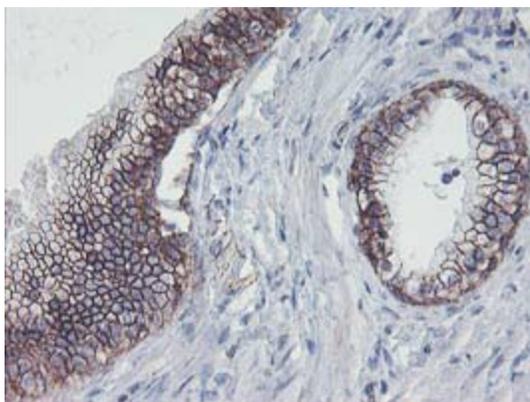
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-ALOX15 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504250)



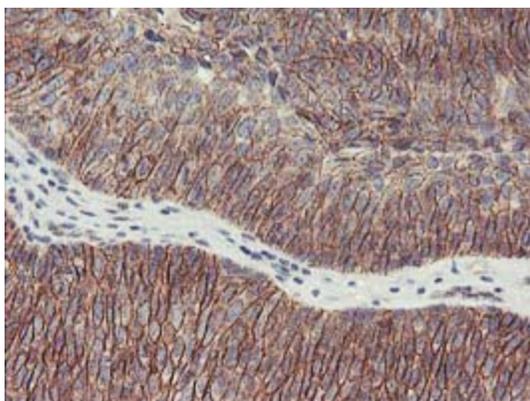
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-ALOX15 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504250)



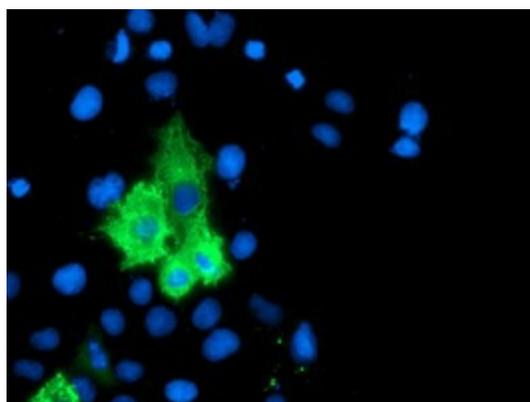
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-ALOX15 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504250)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-ALOX15 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504250)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-ALOX15 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504250)



Anti-ALOX15 mouse monoclonal antibody (TA504250) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ALOX15 ([RC206621]).